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UNITED STATES DEPARTMENT OF AGRICULTURE
Federal Extension Service
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KANSAS 4-H CLUB WHEAT DAYS REPORT

General

Three sub-district 4-H Club Wheat Days were held in Kansas in 1954. These events were held in Wichita, Hutchinson and Salina on August 4, 9 and 10, respectively. The shows were 1-day meetings which were packed with tours, displays, and lectures. 4-H Club members, leaders, parents, extension agents, and grain trade people were invited.

The day's main emphasis was placed on encouraging greater interest and enrollment in the 4-H grain marketing activities. Quality of Kansas wheat was an added feature which created considerable interest on the part of 4-H Club members having wheat production projects. The glamour of the market and the thrill of showing the results of good project work served as an incentive for 4-H Club members, leaders, and parents to take greater interest in the marketing of their grain.

The events of the day were so arranged to permit a variety of educational programs and also allow the use of many different approaches to getting the information in the hands of those attending. The actual preparing and showing of the wheat samples by each individual 4-H Club member was the original interest-getter. After the interest was obtained, then the difficult job of imparting marketing information was made much easier. These days were strictly set up as educational programs and were not set up as competitive events.

Prior Planning for Wheat Days

This is the part of the entire program upon which depends the success of the coming event. The germ of the idea for these wheat days started with similar events held in Warrington, Kansas, and Enid, Oklahoma. It was felt that similar events on a sub-district basis for 4-H members would add interest to the grain marketing activity.

An interest indicator meeting was held with 4-H Club agents and county agricultural agents during a State-wide event. The suggested events were discussed with those in attendance and interest was contagious. It seemed as though Extension agents had tried many approaches to encourage greater interest in marketing but to no avail. However, after this discussion meeting in which it was agreed that this was one approach to larger enrollment, plans were made to hold a sub-district meeting.

The sub-district meetings were held in the 3 cities where the day was to be held. In all cases the representatives of the public relations committee of the Boards of Trade, chairmen of the Agricultural Committee of the Chamber of Commerce, members of wheat improvement association, cereal chemist and management of flour mills, licensed grain inspectors, and extension personnel were invited to attend a planning meeting.

The entire plan for holding these days was explained to those in attendance. Responsibilities were assigned and final plans were made.

Wheat Show

Number. Each county was permitted to submit 10 samples of 1954 wheat which was grown as a regular 4-H Club wheat project. More samples than this limited number could have been submitted depending upon whether the composite baking sample idea was used or not and also dependent upon the cereal chemist facilities to run milling and baking tests. If the composite baking sample idea was used then there need be no limit to the number of samples submitted. If each sample submitted is to be milled and baked then a limit as to the number of samples must be made.

Selection. Termination or the selection of the samples at the county level is determined by the agent and the 4-H Club Council. Any method of selection at a county level is satisfactory dependent on the county situation.

The sample submitted should be thoroughly cleaned and ready for show. Any commodity which is to be shown should be in its best showmanship condition. The judge places the samples on freedom from foreign material, white caps, etc. Selection is also made on plumpness, color, size, etc. of the wheat kernel. There is logic to the position that samples should be bin run but the judge cannot make placing on such samples.

Classes. Each wheat variety will be judged as a class. The various classes or varieties shown were: comanche, ponca, wichita, pawnee, triumph, kiowa, red chief, blue jacket, and other dependent on the location of the show. It is realized that the 4-H wheat project as set up in Kansas recognizes only recommended varieties which is right, however, it is felt that the wheat gluten varieties should be permitted to make entry at the shows. By allowing such entry and by observing the show samples and then the mill and bake results provides the best teaching aid available to point out wheat quality.

Show Sample. Wheat samples submitted for the show should be uniform size. It is suggested that each sample be submitted in a clear, gallon-wide opening jar. Each 4-H Club member competing in the show should furnish his own container. A gummed label (provided by the agent) should be attached to the sample jar showing the following: name, variety, county, 4-H Club name and yield per acre.

Mill and Bake Sample. If a milling and baking test is to be made of each sample, then it is necessary that an additional 5-pound sample be submitted. This sample should be submitted in a canvas bag securely tied with an identification tag attached giving the same information as for the show sample.

Composite Sample. If milling and baking tests are not to be run on all samples submitted and it is determined that the composite sample plan is to be used, then it is necessary that each county as a whole submit the samples for the milling and baking demonstration. Under this plan each county is to submit a 5-pound sample of each variety in a canvas bag, securely tied, with an identification tag giving the following information: county, variety and note that it is a composite sample. All county composite samples will be sent to the cereal chemist for blending and a representative sample will be needed and baked to represent that variety.

Samples Due. All samples must be in the hands of the host extension agent at least 20 days before the show in order that samples may be graded, milled and baked. All samples must be in the proper containers and properly identified, otherwise confusion reigns.

Placings. The show samples submitted will be judged on the basis of a cleaned sample. The show sample will be judged on outward physical characteristics of the whole kernel sample. Note will be made on its freedom from foreign material, wheat seeds, cracked kernels and damaged kernels. Physical characteristics such as plumpness, size of kernel, color and vitreousness will be identifying factors. Test weight, grade and protein content as determined by licensed grain inspectors will be considered.

The mill and bake placings will be made on the basis of results of milling and baking tests. These tests are conducted by cereal chemists of the many mills in Kansas.

The Danish system of placing was used and proved satisfactory. It is advantageous to have a placing on both the sample and the mill and bake results. It also might be fitting to have the champion and reserve champion to show sample and mill and bake sample as this gives added interest to the show.

Tour of Grain Market Facilities. All in attendance were conducted on a tour of the grain marketing facilities available at the various locations. Subject of the marketing of grain was opened in the first session by the story of the market by Alice E. Haggins, Public Relations Department of the Chicago Board of Trade.

Those in attendance were broken down into groups of 25 persons to facilitate the movement of the groups through the facilities. This plan made it possible for the person in charge of each stop to be heard and applicable questions to be asked.

Facilities toured during the day were the grain inspection department, warehouses, cash trading floor, kernel-analysis laboratories, mills, bakeries, terminal and country elevators, and retail grocery stores.

The tour was divided into morning and afternoon sessions to prevent monotony.

Program. A typical program example which best suited the needs of the day is as follows:

Wichita Program

General Session - Inness Building Auditorium. 8:00 a.m. Judging Wheat Samples
E. A. Cleavinger, Extension Agronomist, Kansas State College

9:00 a.m. Story of the Market
Alice B. Haggins, Chicago Board of Trade

10:00 a.m. Tour of Wichita Board of Trade and Kansas Grain Inspection
Department. Wichita Board of Trade Committee in charge.

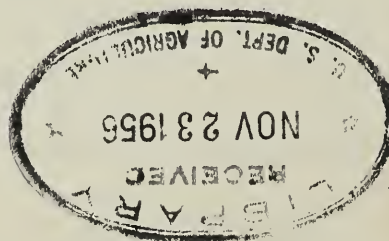
12:00 noon. Lunch. Colonial Room, Inness Building, 6th Floor.
Welcome, Wichita Chamber of Commerce, Wichita Board of Trade.

- 1:00 p.m. From Wheat to Loaf of Bread
George Schiller, Hunter Milling Company,
Wellington, Kansas.
- 1:15 p.m. 4-H Grain Marketing Activity
N. V. Whitehair, Extension Economist, Kansas State College
- 1:45 p.m. Tour of Terminal Elevator and Grain Sampling Procedure
Board of Trade Committee, in charge.
- 4:00 p.m. Pick-up Show Samples - Each County.

The program is a very full day schedule and by noting the schedule it provides for a change throughout the day.

Banquet or Lunch. The lunch during the noon hour was provided by the Board of Trade and Chamber of Commerce. This session provided a time for the grain trade and extension people to become better acquainted and to more fully understand each others problems. During this session it is suggested that 4-H Club members who have participated in marketing activities demonstrate to the group their activities.

Milling and Baking Test. All mills and grain companies having an experimental mill and bake shop were very cooperative in milling and baking the samples. Contracts for this service can be made through your local elevator manager and other grain trade interests. Should counties wish information on the addresses of various mills, etc., please contact the Kansas Extension Service.



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<input type="checkbox"/>	Cut flush.	<input type="checkbox"/>	Tip in or mount on guards.
<input type="checkbox"/>	Dummy inclosed.	<input type="checkbox"/>	Make dummy.
<input checked="" type="checkbox"/>	Bind all parts as arranged.	<input type="checkbox"/>	Lace boards, reinforce hinges.
<input checked="" type="checkbox"/>	Trim all edges lightly.	<input type="checkbox"/>	Agate edges.

STYLE OF BINDING

COLOR

<input type="checkbox"/>	Half morocco.	<input checked="" type="checkbox"/>	Red. 1731
<input type="checkbox"/>	Half cowhide.	<input type="checkbox"/>	Black.
<input type="checkbox"/>	Buckram back only.	<input type="checkbox"/>	Yellow.
<input checked="" type="checkbox"/>	Buckram.	<input type="checkbox"/>	Brown.
<input type="checkbox"/>	Duck.	<input type="checkbox"/>	Green.
<input type="checkbox"/>	Cloth sides.	<input type="checkbox"/>	Tan.
<input type="checkbox"/>	Board sides.	<input type="checkbox"/>	Blue.

SPECIAL DIRECTIONS

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